

7. ABSTRACT

5 A specimen cup (100) has slide-in cassette (102) hermetically sealed
in a chamber (104), with a outer partition being transparent. The cassette
comprised chemical test strips (106) used to provide testing of drugs of
abuse or other chemical or biological substances. The cassette is designed to
draw urine up from the front bottom of the cup, thereby reduces the amount
10 of urine required to perform the test. Further the cassette is designed to
form isolated test channels through the use of strategically placed vertical
and horizontal bars which are hermetically sealed. The cup further
comprises a spill prevention flap or float (108) and an optionally enlarged
sample collection portion (110) for its operation. The windows of the test
15 cassette are covered with transparent fluid-resistant plate to prevent urine
from accidentally spill onto the strips.